

2020 ANNUAL REPORT



Cobb County Fire & Emergency Services

1595 County Services Parkway
Marietta, Georgia 30008
www.cobbfire.org
770-528-8000

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LETTER FROM THE CHIEF



On behalf of the men and women of Cobb County Fire & Emergency Services (CCFES), I wish to thank you for viewing our annual report. CCFES is a team of over 698 sworn firefighters and 38 civilian employees. Our Department is accredited through the Commission on Fire Accreditation International and certified by the State of Georgia. We strive to provide superior fire, rescue, and emergency services to the citizens and visitors of Cobb County in a proficient, professional, and compassionate manner and we want to continuously promote life safety within the county by practicing prevention, planning, education, and training.

We place tremendous value on the relationships our Fire personnel build in the communities they serve. The success of the Department is due to both the strong commitment of our employees and the support they receive from the entire community. We believe the hard work and professionalism of our firefighters, inspectors, investigators, educators, and civilian staff members contribute to the safe environment enjoyed by those who live, work, and visit our great county.

Please take a few minutes to learn more about CCFES at our website at www.cobbfire.org. You will find that our employees are dedicated, well-trained, and enthusiastic professionals who take pride in their work. They are ready to work with you to make your home, your workplace, and your community an even better place to live.

Sincerely,

Bill Johnson

COBB COUNTY

Cobb County borders Atlanta to the North and West and is home to over 751,000 residents. Cobb County is the 3rd most populated county in the state of Georgia out of 159. We are home to Dobbins Air Reserve Base, Lockheed Martin, Six Flags Over Georgia, Home Depot Corporate Headquarters, and the Atlanta Braves. You will find an excellent community of quiet subdivisions and apartment complexes located near excellent schools, shopping, and churches. Recreational facilities are splendid, and Cobb County is in a good location for a retreat to the mountains or a drive to the beach.

COBB FIRE HISTORY

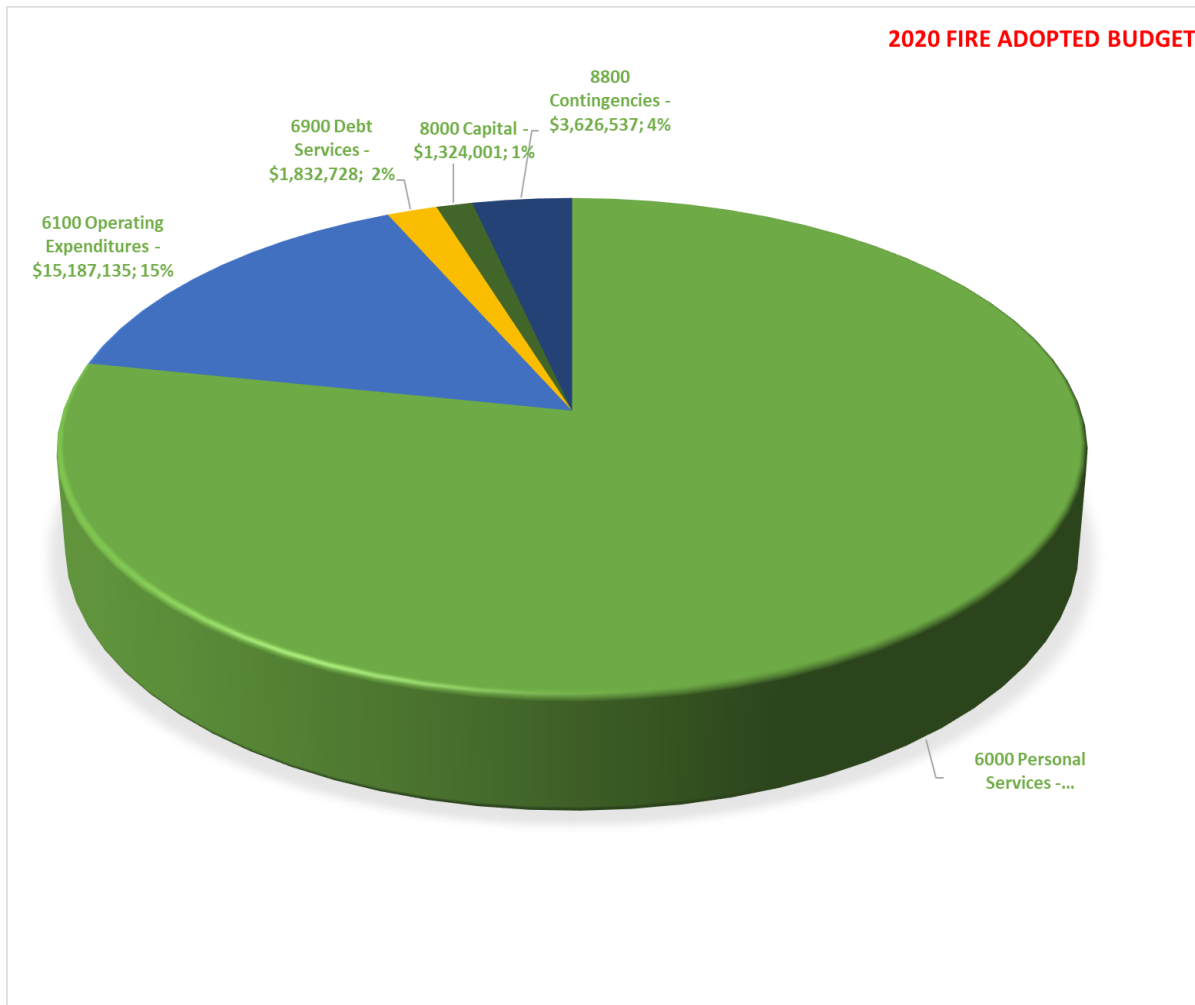
Cobb County fire protection had been divided into local fire districts and city departments prior to January 24, 1971. On this date, the Cobb County Board of Commissioners passed a resolution to form a consolidated, all-paid, career county fire department. The department covers 345 square miles of the unincorporated areas of Cobb as well as three of the six incorporated cities within Cobb: Kennesaw, Acworth, and Powder Springs. The cities of Marietta, Smyrna, and Austell provide their own fire protection. CCFES has evolved into a 794 member, full-service agency. Cobb Fire personnel are trained to skillfully respond to fire, medical, and disaster emergencies. We provide a highly proficient, comprehensive level of service incorporating the following divisions: Response, which includes Fire Suppression; Emergency Medical Services (EMS); Special Operations, which includes Hazardous Materials, Technical Rescue, Medical Operations and Airport Rescue Firefighting (ARFF); Preparedness, which includes Training, Facility Maintenance, Vehicle Maintenance, Administrative, Records Management, Finance and Support Services; Community Risk Reduction, which includes Public Fire & Life Safety Education; Fire Marshal's Office, which includes Plan Review, Inspections, and Sprinklers and Fire Investigations. The department serves over one million citizens and daily visitors of the community.

MISSION STATEMENT

Cobb County Fire & Emergency Services (CCFES) exists to provide superior fire, rescue, and emergency services to the citizens and visitors of Cobb County in a proficient, professional, and compassionate manner. We continuously promote life safety within the county by practicing prevention, planning, education, and training.

BUDGET

The CCFES FY2019 adopted budget was \$ 100,828,338.00. The total authorized number of Fire positions for 2020 was 794. Of those 726 were sworn positions and 68 were non-sworn positions.



SUPPORT SERVICES

- No Capital Spending was Authorized for Apparatus Purchase due to the SARS (COV-2) Pandemic.
- Truck 19 was replaced with a Pierce tractor-drawn aerial. This was the first “clean cab” firefighting apparatus to support the fire department’s cancer prevention program.



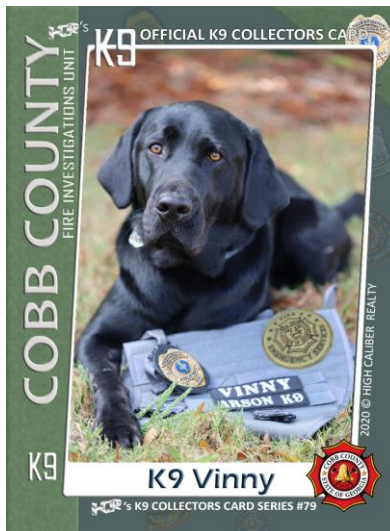
- 63 Bullard Thermal Imaging Cameras were purchased for firefighting and training.

GRANTS & DONATIONS

1. The Cobb County Safety Village received a donation in the amount of \$2,852.00 from the Cobb County Safety Village Foundation from rental fees.
2. The Federal Emergency Management Agency awarded Cobb County Fire & Emergency Services \$179,624.00 (with a 10% match requirement from CCFES). This offer was **declined** due to Cobb County Government receiving CARES funds.



State Farm Insurance Agency donated “Vinny the Arson Dog” and covered the cost of training Vinny and his handler.



2020 OPEN RECORDS REQUEST

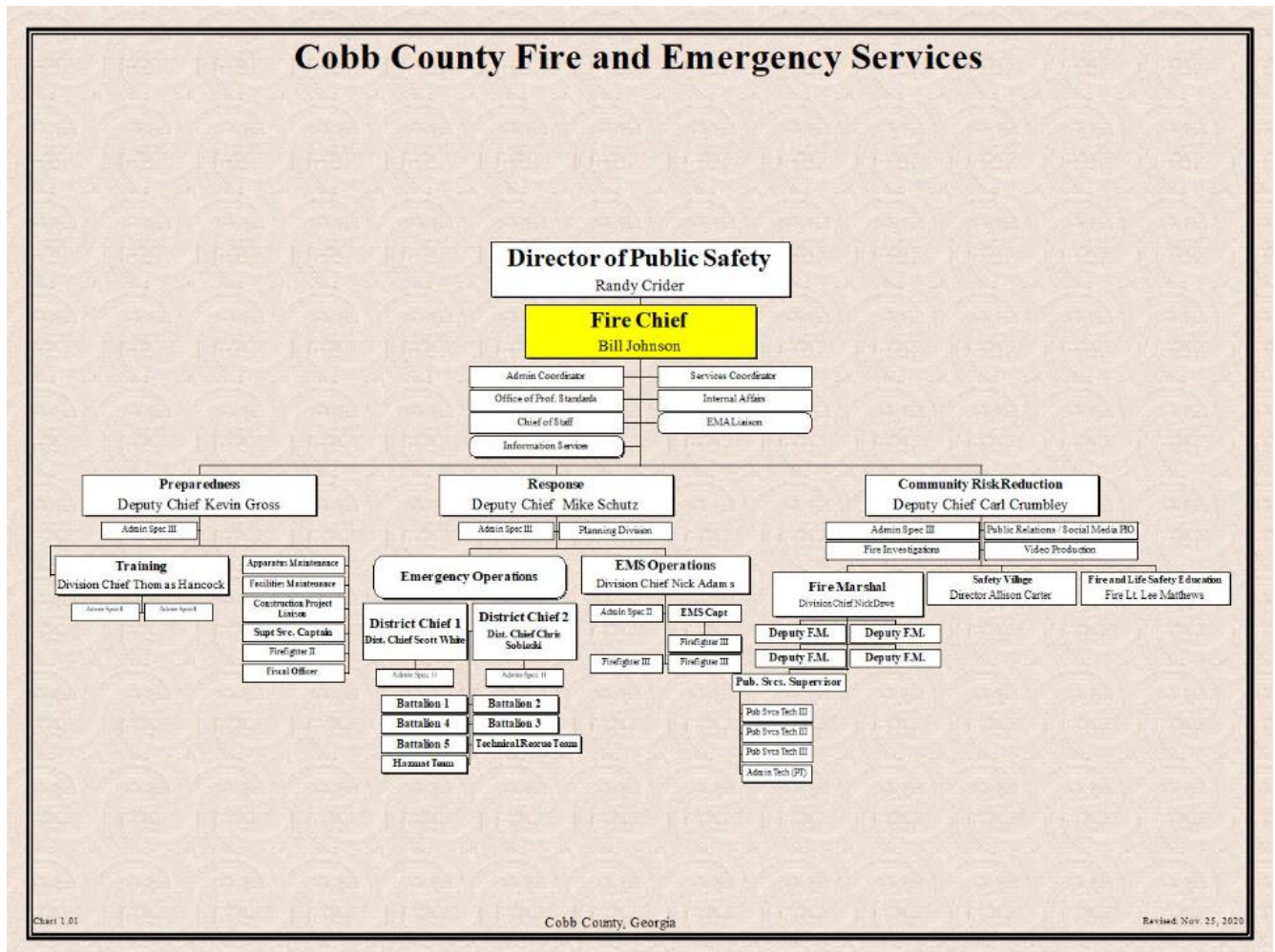
During 2020, there were a total of 1090 open records request completed.

2020 BOOT DRIVE RESULTS

Due to the SARS COV2 pandemic CCFES fundraising efforts were severely curtailed and a total of \$350.00 was collected during the “Give Burns The Boot” boot drive. The funds go to the Georgia Firefighters Burn Foundation, which supports the burn centers at Doctor’s Hospital in Augusta, WellStar Cobb Hospital, and Grady Memorial Hospital. Some of the proceeds are also designated for Camp Oo-U-La, the state’s camp for burn-injured children. GFBF mission is to partner with the fire service and burn care community to provide fire safety and prevention education, support medical facilities and assist burn survivors in their recovery.

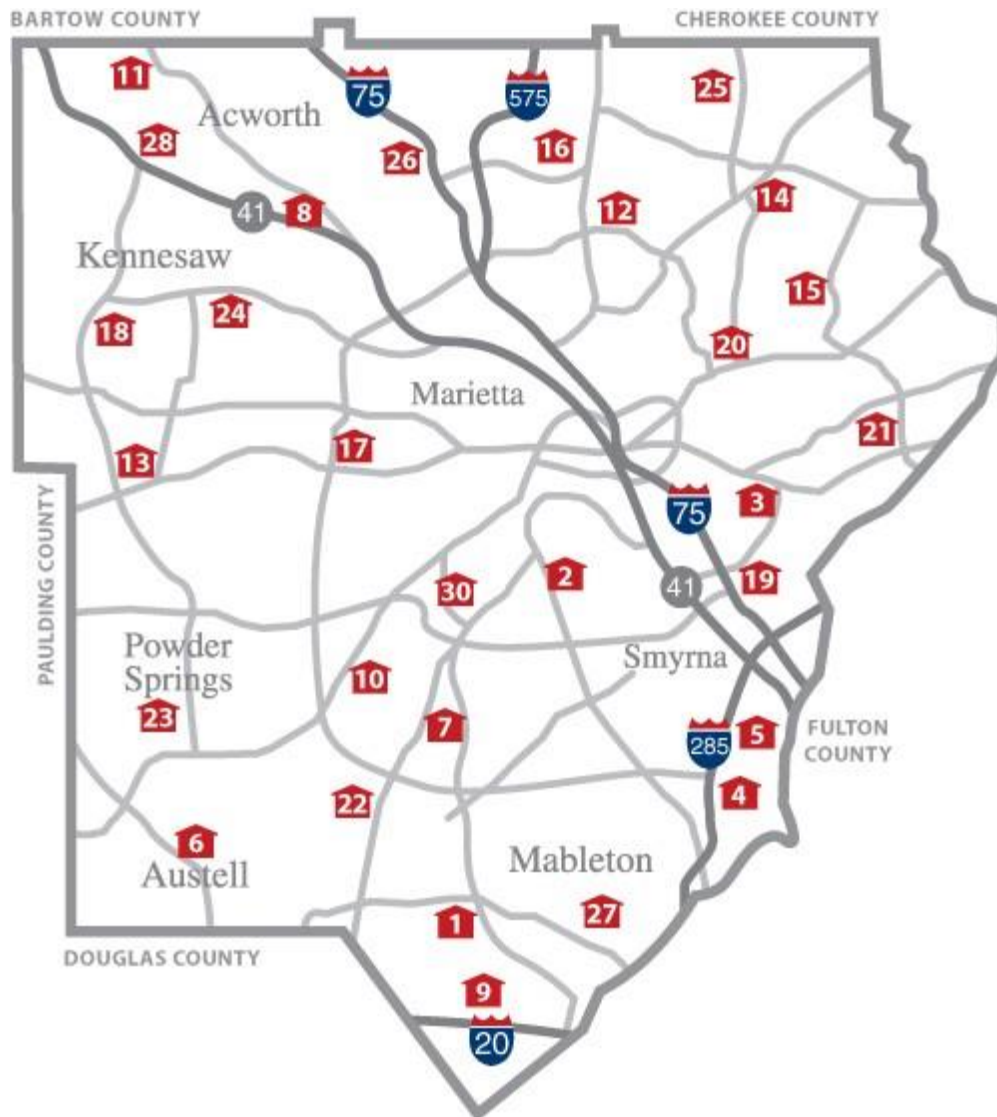


ORGANIZATIONAL CHART



FIRE STATIONS

Cobb County Fire & Emergency Services has 29 fire stations strategically located throughout Cobb County and provides services to rural, urban, and heavily populated high-rise communities covering an area of 305 square miles. In 2020 we responded to almost 60,000 calls.



**Fire Station 1, located in Mableton,
was opened to the public in 2020**

Old Station 1



5781 Mableton Parkway, 30126



**Fire Station 7, located in Austell,
Began construction in 2020 and will open in 2021**



INCIDENTS AND RESPONSE TIMES

Response times are critically important in Fire/EMS response. As response times increase, fires increase in size and intensity. In 2020 Cobb County Fire and Emergency Services was able to contain fire to the object and room of origin 76.2% of the time. This number reflects the department's ability to contain structure fires and stop the spread to additional floors, rooms, and other buildings.

2020	Fire_Spread_Code_And_Description	FireSpreadCounts	% of Total	% Room/Object
	1 - Confined to object of origin	209	51.7%	76.2%
	2 - Confined to room of origin	99	24.5%	
	3 - Confined to floor of origin	31	7.7%	
	4 - Confined to building of origin	55	13.6%	
	5 - Beyond building of origin	10	2.5%	
		404		
2019	Fire_Spread_Code_And_Description	FireSpreadCounts	% of Total	% Room/Object
	1 - Confined to object of origin	205	49.9%	78.6%
	2 - Confined to room of origin	118	28.7%	
	3 - Confined to floor of origin	24	5.8%	
	4 - Confined to building of origin	51	12.4%	
	5 - Beyond building of origin	13	3.2%	
		411		

2018	Fire Spread Code and Description	Fire Spread Counts		
	1 - Confined to object of origin	56	14.58%	69.3%
	2 - Confined to room of origin	210	54.69%	
	3 - Confined to floor of origin	36	9.4%	
	4 - Confined to building of origin	76	19.8%	
	5 - Beyond building of origin	6	1.6%	
		384		

2017	Structure Fire Spread Code and Description	Fire Spread Counts		
	1 - Confined to object of origin	17	4.3%	63.5%
	2 - Confined to room of origin	234	59.2%	
	3 - Confined to floor of origin	37	9.4%	
	4 - Confined to building of origin	96	24.3%	
	5 - Beyond building of origin	11	2.8%	
		395		
2016	Structure Fire Spread Code and Description	Fire Spread Counts		
	1 - Confined to object of origin	22	4.5%	62.7%
	2 - Confined to room of origin	284	58.2%	
	3 - Confined to floor of origin	55	11.3%	
	4 - Confined to building of origin	108	22.1%	
	5 - Beyond building of origin	19	3.9%	
		488		

With emergency medical calls, increased response times translate to increased death rates. This is due to the importance of the “Golden Hour” (the survival rate drops when patients with serious illness or injury do not receive adequate medical intervention).

While CCFES cannot control traffic volume and flow in their response, we continue to work to

improve our overall response times by decreasing our turnout times. These times represent the amount of time it takes a crew to get dressed in their personal protective gear and leave the station after the call is received.

Below are the response times for 2020. The times are broken into average response times and 90th percentile times. This allows the department a more accurate evaluation of our performance measures.

2020	Processing		Turnout		Travel		Total	
Incident Type	P90	AVG	P90	AVG	P90	AVG	P90	AVG
All Calls	0:03:04	0:01:46	0:01:33	0:00:50	0:09:10	0:06:12	0:12:29	0:09:06
Fire Calls	0:02:57	0:01:53	0:01:25	0:00:44	0:07:32	0:05:10	0:10:56	0:08:02
EMS Calls	0:02:57	0:01:37	0:01:33	0:00:50	0:08:57	0:06:05	0:12:10	0:08:50
HZMT Calls	0:03:02	0:02:02	0:01:23	0:00:45	0:11:31	0:07:20	0:15:06	0:10:28
TRT Calls	0:03:39	0:01:50	0:01:23	0:00:45	0:08:18	0:05:15	0:12:16	0:08:18



Incident Type	Count	Basic_Incident_Type_Code
Accident, potential accident, (Tree Down Roadway)(Code 4601)	764	4601
Air or gas rupture of pressure or process vessel(Code 223)	2	223
Aircraft standby(Code 462)	7	462
Alarm system activation, no fire - unintentional(Code 745)	1421	745
Alarm system sounded due to malfunction(Code 735)	828	735
Animal problem(Code 541)	7	541
Animal rescue(Code 542)	19	542
Arcing, shorted electrical equipment(Code 445)	104	445
Assist invalid(Code 554)	2961	554
Assist police or other governmental agency(Code 551)	235	551
Attempt to burn(Code 481)	1	481
Authorized controlled burning(Code 631)	121	631
Biological hazard, confirmed or suspected(Code 451)	1	451
Bomb scare - no bomb(Code 721)	4	721
Brush or brush-and-grass mixture fire(Code 142)	124	142
Building fire(Code 111)	258	111
Building or structure weakened or collapsed(Code 461)	40	461
Camper or recreational vehicle (RV) fire(Code 137)	1	137
Carbon monoxide detector activation, no CO(Code 746)	243	746
Carbon monoxide incident(Code 424)	146	424
Central station, malicious false alarm(Code 714)	22	714
Chemical hazard (no spill or leak)(Code 421)	5	421
Chemical spill or leak(Code 422)	11	422
Chimney or flue fire, confined to chimney or flue(Code 114)	14	114
Citation(Code 900C)	140	900C
Citizen complaint(Code 911)	44	911
CO detector activation due to malfunction(Code 736)	125	736
Commercial Compactor fire, confined to rubbish(Code 117)	1	117
Confined space rescue(Code 355)	1	355
Construction or demolition landfill fire(Code 153)	3	153
Cooking fire, confined to container(Code 113)	89	113
Cover assignment, standby, moveup(Code 571)	17	571
Defective elevator, no occupants(Code 555)	12	555
Detector activation, no fire - unintentional(Code 744)	137	744
Direct tie to FD, malicious false alarm(Code 712)	8	712
Dispatched and cancelled en route(Code 611)	11077	611
Dumpster or other outside trash receptacle fire(Code 154)	52	154
Electrocution or potential electrocution(Code 371)	5	371
EMS call, excluding vehicle accident with injury(Code 321)	13272	321
EMS call, party transported by non-fire agency(Code 661)	47	661
EMS call, PATIENT REFUSED TREATMENT AND TRANSPORT(Code 321R)	1077	321R
Excessive heat, scorch burns with no ignition(Code 251)	21	251
Explosive, bomb removal (for bomb scare, use 721)(Code 471)	1	471
Extinguishing system activation(Code 742)	6	742
Extinguishing system activation due to malfunction(Code 732)	5	732
Extrication of victim(s) from building/structure(Code 351)	5	351
Extrication of victim(s) from machinery(Code 357)	6	357

Extrication of victim(s) from vehicle(Code 352)	38	352
Fire in mobile home used as fixed residence(Code 121)	1	121
Fire in motor home, camper, recreational vehicle(Code 122)	1	122
Fire Investigation's Follow-up(Code 900F)	20	900F
Fire Sprinkler Disabled i.e.. freezing/broken piping(Code 731A)	18	731A
Fires in structure other than in a building(Code 112)	20	112
Fireworks explosion (no fire)(Code 243)	4	243
Flood assessment(Code 812)	11	812
Forest, woods or wildland fire(Code 141)	12	141
Fuel burner/boiler malfunction, fire confined(Code 116)	1	116
Garbage dump or sanitary landfill fire(Code 152)	2	152
Gas leak (natural gas or LPG)(Code 412)	491	412
Gasoline or other flammable liquid spill(Code 411)	39	411
Grass fire(Code 143)	23	143
HazMat release investigation w/no HazMat(Code 671)	33	671
Heat detector activation due to malfunction(Code 734)	6	734
Heat from short circuit (wiring), defective/worn(Code 441)	25	441
High-angle rescue(Code 356)	2	356
Incinerator overload or malfunction, fire confined(Code 115)	2	115
Lightning strike (no fire)(Code 814)	16	814
Local alarm system, malicious false alarm(Code 715)	70	715
Lock-in (if lock out , use 511)(Code 331)	58	331
Lock-out(Code 511)	576	511
Medical assist, assist EMS crew(Code 311)	13224	311
Motor vehicle accident with injuries(Code 322)	1370	322
Motor vehicle accident with no injuries.(Code 324)	1159	324
Motor vehicle/pedestrian accident (MV Ped)(Code 323)	80	323
Municipal alarm system, malicious false alarm(Code 711)	31	711
No incident found on arrival at dispatch address(Code 622)	2503	622
Off-road vehicle or heavy equipment fire(Code 138)	4	138
Oil or other combustibile liquid spill(Code 413)	16	413
Outside equipment fire(Code 162)	18	162
Outside gas or vapor combustion explosion(Code 163)	1	163
Outside rubbish, trash or waste fire(Code 151)	51	151
Outside stationary compactor/compacted trash fire(Code 155)	2	155
Outside storage fire(Code 161)	6	161
Overheated motor(Code 442)	29	442
Overpressure rupture of air or gas pipe/pipeline(Code 221)	1	221
Passenger vehicle fire(Code 131)	176	131
Police matter(Code 552)	1861	552
Power line down(Code 444)	399	444
Prescribed fire(Code 632)	1	632
Public Relations Event(Code 900P)	2	900P
Public service(Code 553)	793	553
Refrigeration leak(Code 423)	2	423
Removal of victim(s) from stalled elevator(Code 353)	122	353
Rescue or EMS standby(Code 381)	157	381
Ring or jewelry removal(Code 512)	8	512

Road freight or transport vehicle fire(Code 132)	26	132
Search for person in water(Code 342)	12	342
Search for person on land(Code 341)	131	341
Smoke detector activation due to malfunction(Code 733)	307	733
Smoke detector activation, no fire - unintentional(Code 743)	481	743
Smoke from barbecue, tar kettle(Code 653)	16	653
Smoke or odor removal(Code 531)	160	531
Smoke scare, odor of smoke(Code 651)	557	651
Special outside fire, other(Code 160)	1	160
Sprinkler activation due to malfunction(Code 731)	24	731
Sprinkler activation, no fire - unintentional(Code 741)	42	741
Steam, vapor, fog or dust thought to be smoke(Code 652)	38	652
Swift water rescue(Code 363)	19	363
Swimming/recreational water areas rescue(Code 361)	2	361
Telephone, malicious false alarm(Code 713)	11	713
Trapped by power lines(Code 372)	3	372
Trash or rubbish fire, contained(Code 118)	23	118
Trench/below-grade rescue(Code 354)	1	354
Unauthorized burning(Code 561)	606	561
Vehicle accident, general cleanup(Code 463)	39	463
Vicinity alarm (incident in other location)(Code 641)	23	641
Water evacuation(Code 521)	3	521
Water or steam leak(Code 522)	337	522
Water vehicle fire(Code 134)	1	134
Watercraft rescue(Code 365)	4	365
Wind storm, tornado/hurricane assessment(Code 813)	17	813
Wrong location(Code 621)	32	621
Grand Total		63250

2020 Unit Count

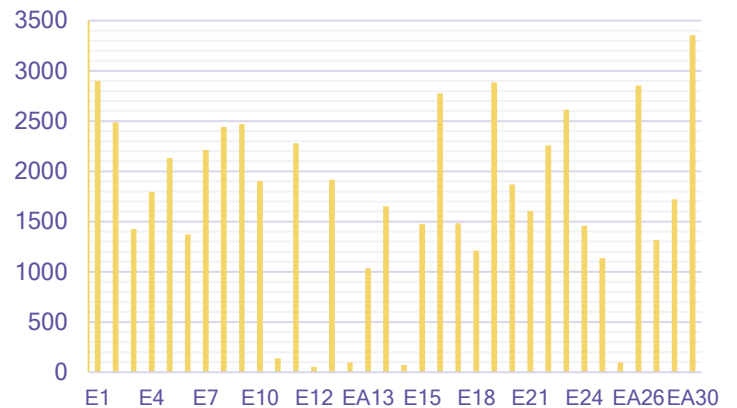
E1	2899
E2	2485
E3	1425
E4	1796
E5	2134
E6	1373
E7	2211
E8	2443
EA9	2469
E10	1904
EA10	139
E11	2279
E12	52
EA12	1916
E13	98
EA13	1034
E14	1652
EA14	71
E15	1477
E16	2776
E17	1483
E18	1208
EA19	2883
E20	1867
E21	1603
E22	2258
E23	2614
E24	1459
E25	1135
E26	98
EA26	2854
E27	1316
E28	1723
EA30	3355
E32	1

Total 58490



Count

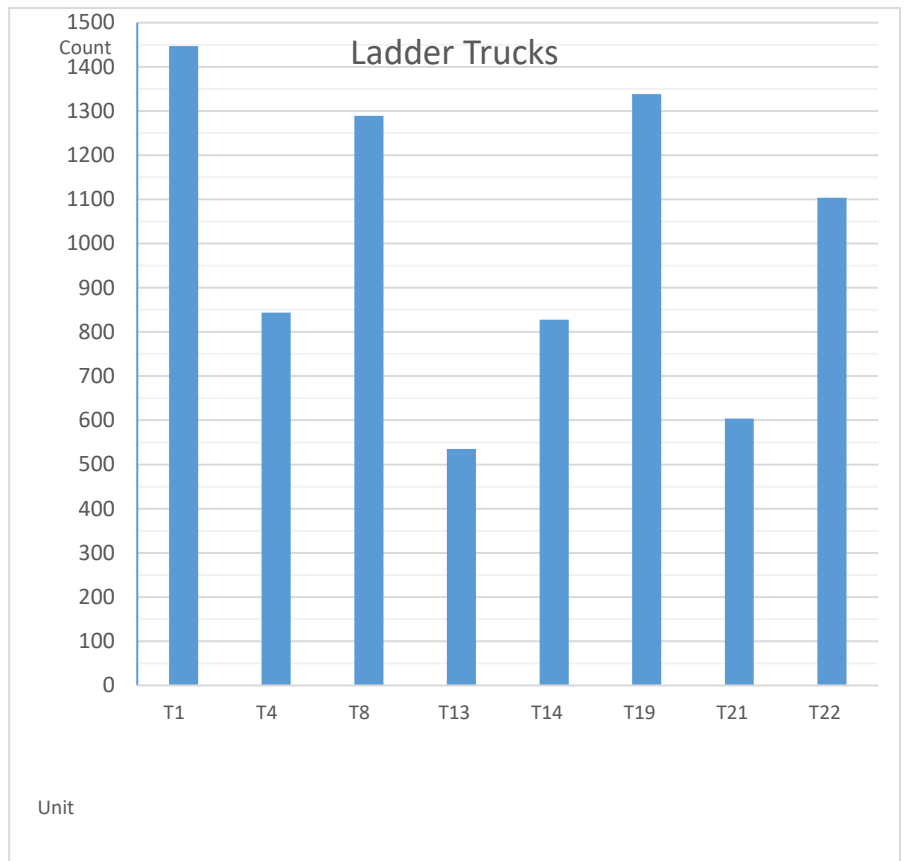
Engines



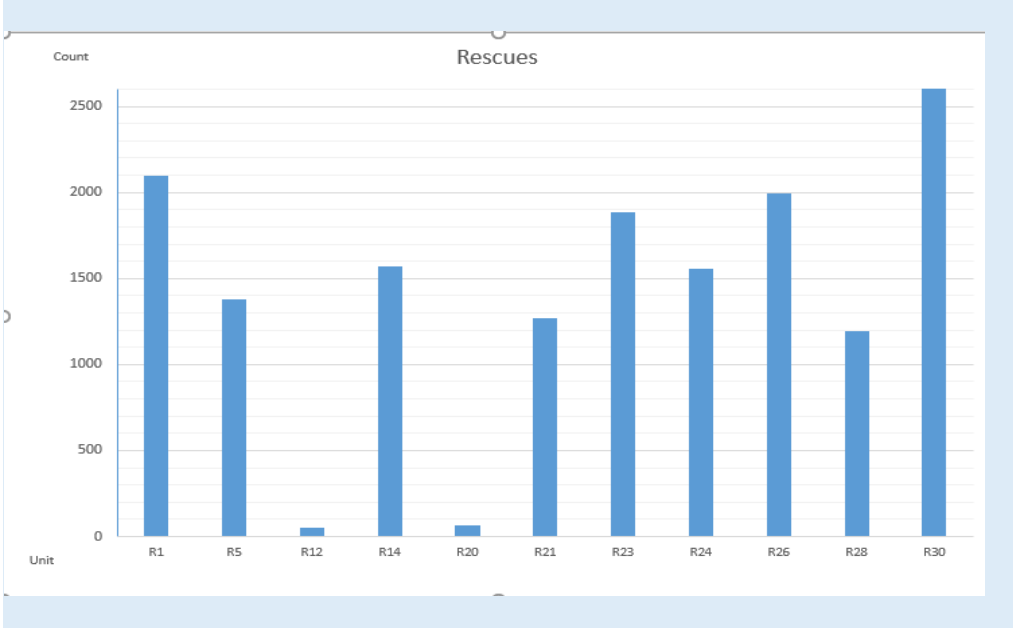
Unit

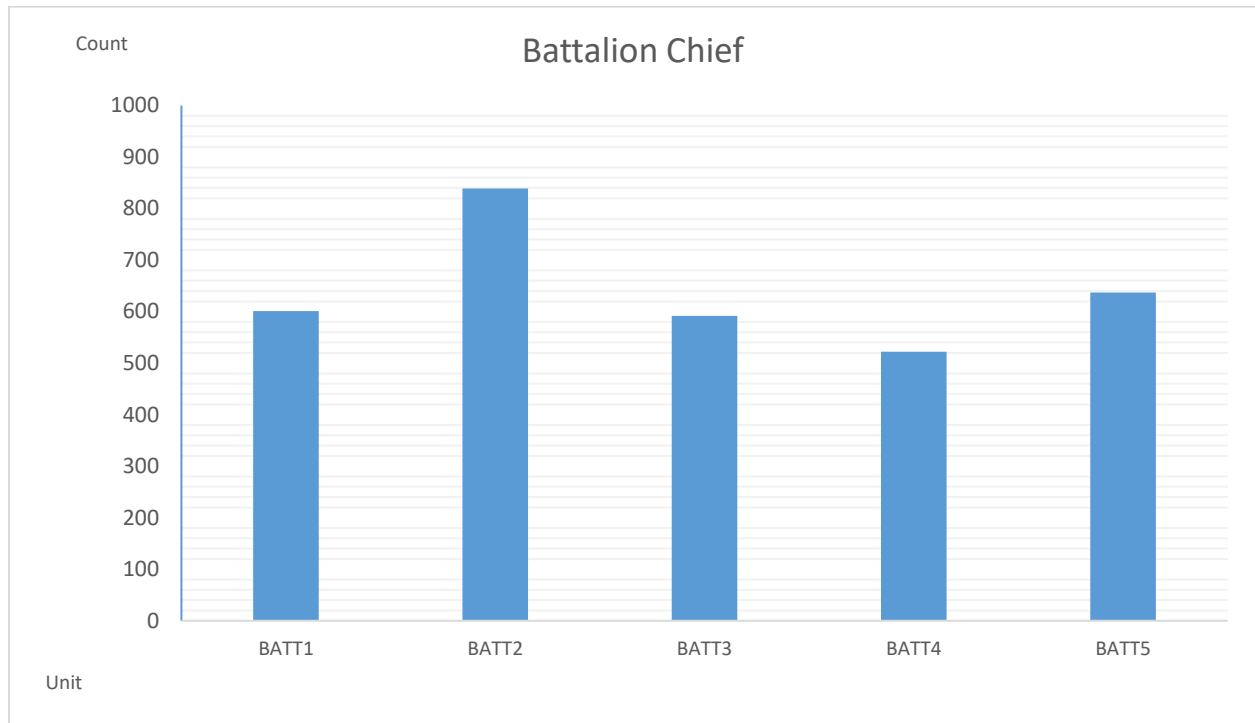
Unit	2020 Count
T1	1447
T4	844
T8	1289
T13	535
T14	828
T19	1338
T21	604
T22	1104

Total: 7989



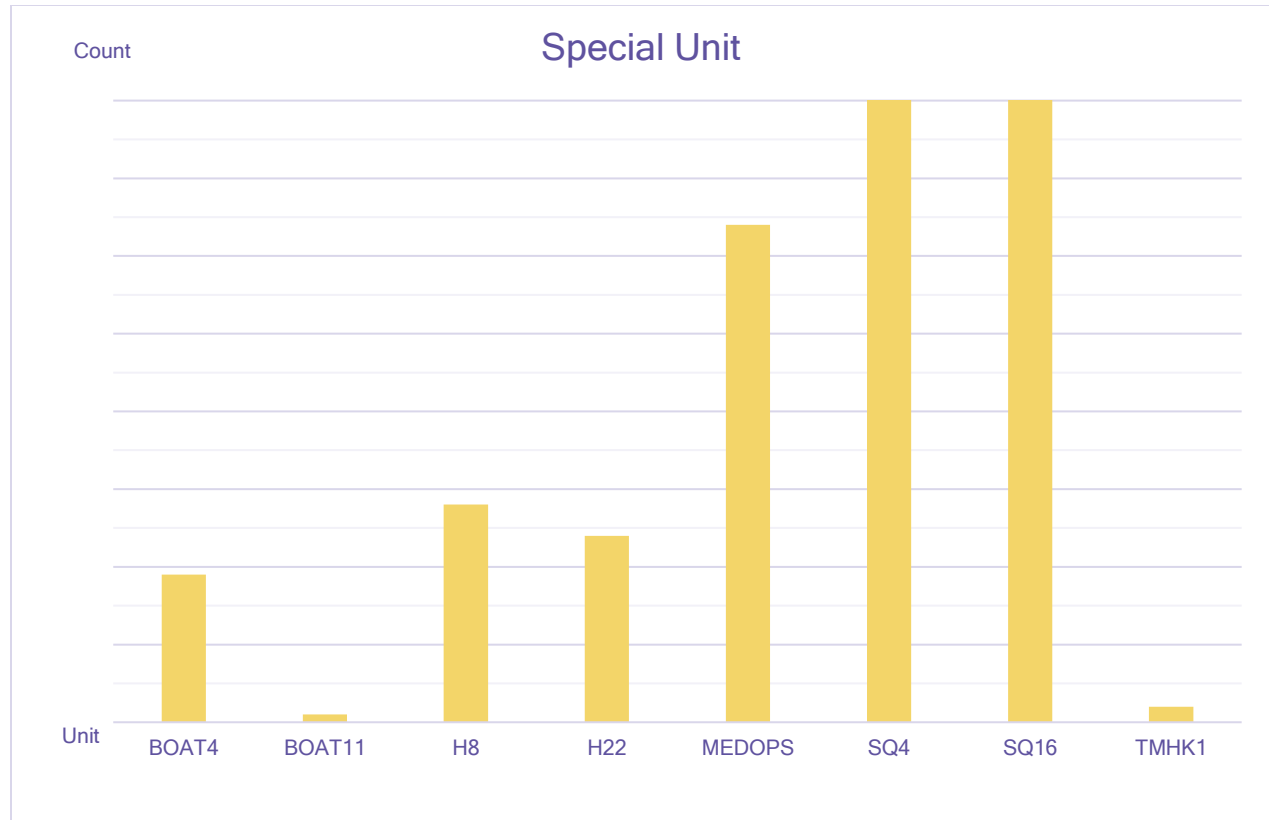
Unit	2020 Count
R1	2099
R5	1377
R12	50
R14	1572
R20	64
R21	1266
R23	1883
R24	1557
R26	1995
R28	1192
R30	3087
R34	6
R35	1





Unit	2020 Count
BATT1	601
BATT2	839
BATT3	592
BATT4	522
BATT5	637



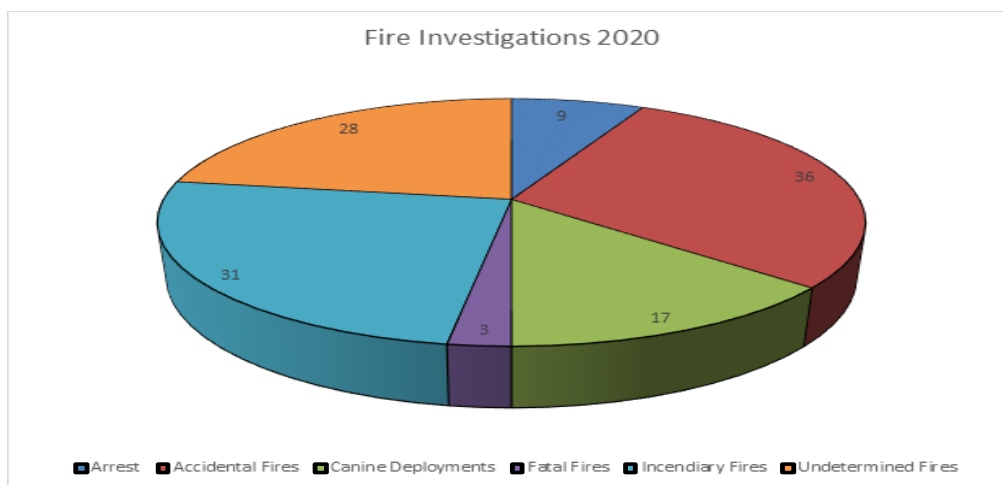


	2020 Count
BOAT4	19
BOAT11	1
H8	28
H22	24
MEDOPS	64
SQ4	764
SQ16	751



FIRE INVESTIGATIONS UNIT

The Fire Investigations Unit consists of five highly trained professionals. Each are certified State of Georgia Fire Investigators and Peace Officers. In September of 2020, the FIU debuted the Canine Accelerant Detection Team. The FIU conducts complex fire scene examinations in conjunction with criminal case management relative to fire incidents. The FIU was requested 95 times in 2020 to conduct fire scene analysis. The FIU participated in 22 joint scene exams in cooperation with owners, tenants, private investigators, engineers and insurers of said losses. Of the 31 fires determined to be intentionally set, nine resulted in an arrest. There was a total of three fire fatalities investigated in 2020 excluding those resulting from a motor vehicle collision.



Fire Investigations Unit	2017	2018	2019	2020	% Change
Fires in Cobb	1083	981	1043	871	-16%
Fire Incidents Investigated	130	91	139	95	-32%
Arrests	8	7	5	9	+80%
Juvenile Fire-Setter Program Referrals	3	2	9	3	-67%
Fire Fatalities/Non MVC	6	5	3	3	0%
Fires Ruled Accidental	38	44	83	36	-57%
Fires Ruled Incendiary	27	22	24	31	+29%
Fires Ruled Natural	2	0	3	0	-300%
Fires Ruled Undetermined	62	25	29	28	-3%
Outdoor Burning Citations Issued	41	28	36	35	-3%
Certificate of Occupancy Citations Issued	NC	112	127	9	-93%
Joint Scene Exams	NC	35	41	22	-46%
Non-Fire Incidents	2	3	9	0	-900%
Canine Team Deployed	NC	NC	NC	17	





FIRE MARSHAL'S OFFICE (FMO)

The FMO enforces the "Rules and Regulations for the State Minimum Fire Safety Standards" as adopted by the State Fire Commissioner pursuant to Title 25, Chapter 2, O.C.G.A. The FMO is the Authority Having Jurisdiction (AHJ) for unincorporated areas of Cobb County and the cities of Acworth, Powder Springs, and Kennesaw. The major functions of the office include:

- ☐ Conducting fire & life safety inspections of existing buildings and structures;
- ☐ Reviewing plans and specifications for proposed buildings and structures;
- ☐ Issuing joint Certificates of Occupancy with the Building Departments of Cobb County, Acworth, Kennesaw, and Powder Springs when all appropriate inspections have been approved.

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- ☐ Reviewing plans and specifications for proposed buildings and structures;
- ☐ Perform related fire and life safety inspections of buildings while under construction;
- ☐ Issuing joint Certificates of Occupancy with the Building Departments of Cobb County, Acworth, Kennesaw, and Powder Springs when all appropriate inspections have been approved.
- ☐ Conducting fire & life safety inspections of existing buildings and structures;
- ☐ Enforce fire and life safety standards as adopted in the State of Georgia, and the Official Code of Cobb County.

In coordination with response personnel, the FMO also administrates the enforcement of Outdoor Burning. Cobb County is 1 of 54 counties in Georgia that is under the requirement of the state-issued burn ban from May 1st through October 1st each year. Part of this enforcement involves the issuance of Medical Burn Bans to preserve the quality of life affected by the burning of yard debris. Currently, there are 53 Medical Burn Ban Areas throughout the county.

The fiscal year 2020 data is a product of a global pandemic and changes the FMO implemented in the first quarter to limit face to face contact. For roughly 4 months our office only conducted inspections related to construction permits. After resuming inspections of existing buildings, we were still not able to access all locations due to business closures or occupant request to not make entry to limit exposures. As shown on the next page several areas expectantly showed decreases in activity from 2019. With the temporary cessation of existing inspections our overall existing inspection activities dropped by more than 50%. The areas mostly impacted for new construction were the number of total plan reviews and total permits issued.

Through funding sources that became available due to the pandemic our office purchased 6 iPlan Tables to help facilitate online plan review. Prior to the pandemic our office was mainly conducting in-person plan review. Now, our office is only conducting plan review online, this includes special event permits and request for professional fire watch.

Data for 2020 was derived from reports generated in both records management software, FireHouse and MobileEyes. The FMO rationale for projects that are only in FireHouse and are dated due to inactivity is to keep the project in FireHouse until it is complete.

<i>New Construction Activities</i>	2017 Total	2018 Total	2019 Total	2020 Total	Change (%)
Plan Reviews Completed	5421	5202	4957	4060	-18.1
Zoning Case Reviews (Zoning and Variances)	210	190	240	362	50.8
Permits Issued or entered	1780	2636	3998	2774	-30.6
TOTAL New Construction Inspections ACTUALLY DONE	10084	8686	9181	10852	18.2
Total REQUESTED New Construction Inspections (SCHEDULED)	9104	5625	7862	10564	34.4
Permits Closed (Life Safety Releases Issued)	1660	1918	1561	1482	-5.1

<i>Existing Building Activities</i>	2017 Total	2018 Total	2019 Total	2020 Total	Change (%)
Existing Building Initial Inspections (Non-Re-Inspection)	1431	3027	7611	3291	-56.8
Existing Building Re-Inspections	1072	1043	1479	2267	53.3
Total Existing Building Inspections Completed	2503	4070	9090	5558	-38.9
Fire Code Complaints Closed	489	317	816	935	14.6
Legal Warnings and Citations	1654	1307	1068	515	-51.8
Special Event Permit(s) issued	0	205	289	190	-34.3
Professional FMO Fire Watch (hrs)	0	86.5	467	394	-15.6

<i>Adminstrative Support Activities</i>	<i>2017 total</i>	<i>2018 Total</i>	<i>2019 Total</i>	<i>2020 Total</i>	<i>Change (%)</i>
Phone Calls Total	12526	13478	20959	21666	3.4
Phone Calls Average Per Day	50	54	84	83	-1.2
Plan Review Appointments Entered	5421	5202	4805	3923	-18.4
New Const. Inspections Scheduled	9104	5625	7862	8036	2.2
Code Releases Processed	1660	1918	2134	1981	-7.2
Issued Medical Burn Ban's	47	44	56	53	-5.4
Open Records Requests	430	323	453	468	3.3
Fines and Fees Collected	\$773,865.79	\$690,221.04	\$744,281.69	\$508,003.20	-31.8

TRAINING DIVISION

FIRE TRAINING

2020 Fire training was largely computer-based and all unnecessary in-person training was halted due to the pandemic.

EMS TRAINING

2020 EMS training largely consisted of developing and updating protocols for field personnel to minimize exposure and impact of COVID 19.

RECRUIT TRAINING

2020 was a very busy year for Recruit Schools at Cobb Fire. Facing multiple vacancies within the department due to attrition, retirements, new positions, and new stations, the department continued to increase the number of Recruit Schools throughout the year to help supplement personnel needs in the field. Classes included: Forcible Entry, Ladders, Firefighter Survival, Ventilation, Search and Rescue, Fire Behavior, Live Fire Training, Basic EMT and Advanced EMT training.

- Recruit School 55 and 56 were conducted during the 2020 calendar year with graduation expected in early 2021. The Fire Academy recruits totaled 45 in 2020.

PHYSICAL TRAINING

- The Training Division conducted the Department's Annual Physical Abilities Test using the new PAT course for validation. In the 2021 calendar year, all sworn members are required to complete the test with a passing time.



EMERGENCY MEDICAL SERVICES (EMS) OPERATIONS DIVISION

The CCFES EMS Operations Division consists of a Division Chief, a Captain, three Firefighters and an Administrative Assistant. The Division manages the following services and programs:

Emergency Medical Services (EMS)

All members of CCFES are certified as EMT-Intermediates (EMT-I), Advanced-EMTs (A-EMT) or Paramedics. All 29 stations respond to 911 calls and provide at a minimum, Basic Life Support (BLS) care. This includes automatic external defibrillators (AEDs), intravenous (IV) solutions, some medications, and advanced airway adjuncts. Fourteen (14) units provide Advanced Life Support (ALS) care which utilizes advanced medications, 12-Lead EKG monitoring and transmission to hospital Emergency Departments (ED), external pacing capability, intraosseous (IO) needles, and endotracheal airways.

In 2020, CCFES responded to 27,620 medical calls. Forty-six percent of the total incidents for CCFES are medical in nature.

CCFES continues to see improvement in the number of patients who survive from sudden cardiac arrest. In 2020, 38 people who were treated for sudden cardiac arrest survived. Cobb County's 2020 survival rates were significantly higher than the national average. Similar results are expected in the future.



COVID 19 Pandemic

2020 was the onset of the COV-SARS 2 Pandemic and the CCFES EMS Division was tasked with assisting public, as well as fire department health. The EMS Division manned a 24-hour hotline for public safety personnel to answer questions and direct personnel to testing and treatment. When the COVID test swabs became available, personnel were trained and tasked with testing of Cobb Public Safety personnel. The EMS Division also coordinated the fire personnel who assisted with the hundreds of thousands of COVID tests given to the public at Cobb County locations.

In late 2020, the COVID-19 Vaccine arrived, and the EMS Division began administering the vaccine to Tier-1 personnel, public safety, doctors, nurses, etc. And began preparing for the mass roll-out of vaccines to the public.



Cobb Fire Cares

CCFES has established a new division within the EMS Operations Division. Cobb Fire Cares, consists of an EMT and a Paramedic that will visit with members of the community who may need additional assistance. Our team will help adults 65 and over as well as adults 18 years and over with any disabilities. The Paramedics meet with the individuals to help identify any programs or resources that will help provide the needed assistance. The team also works with residences and facilities that have high 911 usage to identify resources and strategies to help reduce the demand on the emergency system. The team worked with 300 individuals or facilities this year, nearly twice the case load during 2019 and were able to reduce the amount of repeat call to the 911 Center by 70%.

Event Medical Coverage

CCFES provides medical coverage to large events in the County as well as sporting events for Kennesaw State University (KSU). The coverage is provided by teams on a stretcher-equipped All-Terrain Vehicle (ATV), on foot, on bicycles, or at a first aid tent. Events on water are either covered by the Technical Rescue Team using Boat 4 or by Station 11 using jet skis.

Public Access Defibrillation (PAD) Program

The CCFES PAD Program maintains 182 Automatic External Defibrillators (AEDs) in Cobb County facilities. The program also provides training to County employees and some partner groups in CPR, first aid, fire extinguisher/fire drill training, and bleeding control. This year the program has started providing hands-only CPR training to members of the community. The program also assisted several organizations with acquiring discounted AEDs to start their own PAD Program.



Medical Operations Team (MedOps)

The CCFES Medical Operations Team (MedOps) provides tactical medics for Cobb County Police SWAT, Cobb County Sheriff's SWAT, and the tactical team of the Marietta-Cobb-Smyrna (MCS) Drug Task Force. The team provides medical support for State and Federal agencies on operations within the County. They establish rehab services for CCFES as well as medical support for the CCFES Hazardous Materials Response Team. MedOps serves as the medical support of the Cobb County Police Department's Bomb Squad and Dive Team.

- In 2020, MedOps responded to 64 total incidents.



TECHNICAL RESCUE TEAM (TRT)

CCFES operates a 36-member Technical Rescue Team (TRT) based at two stations. The personnel are trained to technician level in rope rescue, trench collapse, structural collapse, confined space rescue, swift water rescue, vehicle/machinery extrication, and large animal rescue. The team operates out of one heavy rescue unit, one modified heavy rescue ladder truck, one rescue boat, one trench collapse truck, and a tractor drawn vehicle used for large scale incidents.

Members of the TRT are also trained in aviation rescue and are attached to the Georgia State Patrol (GSP) Aviation Unit for North Georgia. When requested, this team performs search and rescue missions throughout Georgia. The team operates from a Bell 407 helicopter which is based out of Cobb International Airport-McCollum Field in Kennesaw.

Purchases

The Technical Rescue Teams were able to purchase upgraded personal gear and specialized tools for Urban Search and Rescue incidents. CCFES also purchased inflatable boats for water and flood responses.

Training attended:

Due to the COVID 19 Pandemic we did not hold any technical rescue classes for CCFES members.

Georgia Search and Rescue (GSAR)

CCFES is a member of the Georgia Emergency Management Agency's (GEMA) Search and Rescue Program. This program consists of several task forces established all over the State of Georgia. These task forces have identically equipped vehicles and participants are trained to various levels. The task force can be a local level response or a state-wide deployment. CCFES is part of Task Force 7 (Metro Atlanta) with the counties of Cobb, Gwinnett, Dekalb, Clayton, City of South Fulton, and the City of Atlanta. The task force operates out of six fully equipped identical response units and three tractor trailer supply caches.



GSAR Grant

In calendar year 2020, CCFES accepted a grant from the Georgia Emergency Management Agency. This grant will be used to support the Georgia Search and Rescue Operations and will replace personal protective equipment for the members as well as tools and equipment which has reached the end of its service life.

Emergency Responses

During 2020, CCFES TRT members responded to a total of 38 vehicle extrications. Cobb TRT Helicopter Technicians were dispatched for four rescue missions in 2020.

Public Relations

Members of the TRT participated in the rescue of a large animal (horse) using specialized equipment and techniques used to rescue large animals in various situations.



(TRT members preparing to lift a horse that was unable to stand under its' own volition)

HAZARDOUS MATERIAL RESPONSE TEAM (HMRT)

CCFES operates a 51-member Hazardous Materials Response Team (HMRT) out of two stations. The HMRT is designated by the Georgia Emergency Management Agency (GEMA) as a Type I Response Team, which signifies the HMRT is capable of responding to incidents anywhere in the State of Georgia. The HMRT operates out of three hazardous materials response units, one mass decontamination vehicle, and one command vehicle.

In 2020, the CCFES HMRT responded to 52 emergency calls. Many of the calls were for fuel or hydrocarbon spills as a result of transportation accidents.

The HMRT continues to train on a regular basis. This includes in- service training, classes brought to the county, members travelling to conferences and training, as well as training with outside agencies such as Marietta Fire Department, the Army's 4th Civil Support Team based at Dobbins ARB, private industry and hazmat equipment manufacturers. Much of the out of town training and classes brought to Cobb were funded by state and federal resources.

The HMRT has a strong working relationship with the 4th CST, one of the nation's leading weapons of mass destruction (WMD) and hazardous materials teams. We train regularly with them and they readily assist our team when support is needed.

The CCFES HMRT continually evaluates its readiness to respond to any type of hazardous materials emergencies. This includes monitoring training, equipment, staffing, budget and facilities to provide the best possible service to the people of Cobb County.



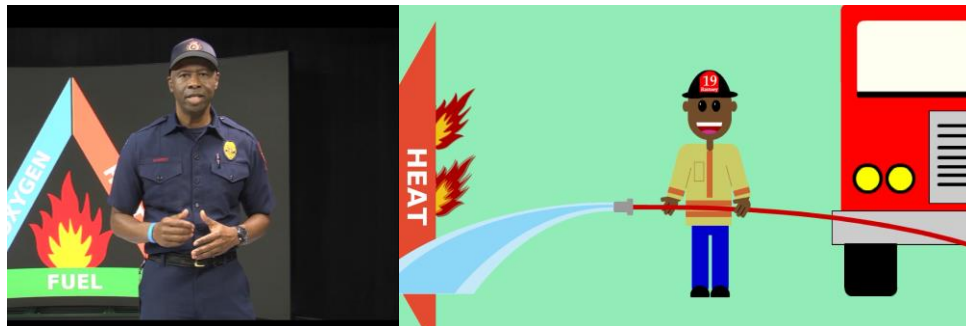
PUBLIC FIRE & LIFE SAFETY EDUCATION

Cobb County Fire and Emergency Services started providing Fire and Life Safety Education to elementary students in 1978 by going out to the first, third and fifth grade students. Thirty years later, Cobb Fire Chief Becky Denlinger recognized that fire prevention education was making an impact as the population had doubled over time, structure fires had decreased by 40% and fire deaths were in single digits.

The Life Safety Education Division is dedicated to the reduction in preventable injuries and death. Statistics from the last twenty years show that our programs have helped us in our mission.

With the onset of the COVID 19 pandemic during the year 2020 it caused a halt to all in-person instruction and the Safety Village was able to pivot and institute a virtual classroom with live and episodic instruction for the child citizens of Cobb County.

(Clips from Safety Village educational video/virtual classroom)



Firefighter Bobby Ramsey

Cartoon Firefighter Bobby

Safety Village Event Activity Report

1/1/2020 12:00:00 AM through 12/31/2020 12:00:00 AM

Activity	Children	Adult	Sp. Need	Total Attended	Smoke Alarm Installed	Smoke Alarm Distributed	Batteries
4th Grade Pre-Visit	2644	140	35	2819	0	0	0
4th Grade Village	2803	222	73	3098	0	0	0
Adult Senior Safety Class	0	71	0	71	0	0	0
Child Car Seat Installation	40	139	0	179	0	0	0
Corp Cobb Site Visits	0	4	0	4	0	0	0
Corporate Fire Safety Education	0	143	0	143	0	0	0
Emergency Warden Class	0	138	0	138	0	0	0
Evacuation Drills/Planning	0	461	0	461	0	0	0
Fire Extinguisher Class	30	105	0	135	0	0	0
Juvenile Firesetter Program	7	6	2	15	0	0	0
Kindergarten Visit	3582	331	157	4070	0	0	0
Pre K Visits	110	0	0	110	0	0	0
Residential Fire Safety Assessment	0	68	2	70	13	0	4

Safety Village Presentation	0	5	16	21	0	0	0
Safety Village Tour	10	57	0	67	0	0	0
Scout Training	62	32	0	94	0	0	0
Smoke Alarm Battery Distribution	4	116	0	120	4	0	325
Smoke Alarm Distribution	2	15	0	17	9	10	15
Smoke Alarm Installation	1	48	1	50	26	0	97
Special Events	871	4544	10	5425	0	0	0
Special Needs Village	10	3	10	23	0	0	0
Station Tour	0	8	0	8	0	0	0
Training	0	37	0	37	0	0	0
ULXPlorLabs	1097	27	0	1124	0	0	0
Total	11273	6782	306	18361	52	10	441



(Safety Village Personnel installing a smoke alarm/food supplies for senior citizens)

RETIREES

Name	Rank	End Date
Martin Groom	Cap	1-24-2020
Dennell Boyd	FF III	1-25-2020
Robert Chrisner	LT	1-25-2020
Anthony Allen	ENG	1-29-2020
Dan Dupree	Cap	2-21-2020
Todd Holloway	LT	3-30-2020
Neal Brassfield	FF II	4-19-2020
Sean Boggess	BC	4-28-2020
Jay Westbrook	DC	4-30-2020
Shawn Mines	ENG	4-30-2020
Brian Harrell	ENG	5-29-2020
BJ Rouse	ENG	6-1-2020
Sharron Mathis	MST	7-31-2020
Mele Miller	FFII	9-15-2020
Douglas Schneider	FFII	9-18-2020
Ellen Black	PSS Crd	11-13-2020
Jerry Dupree	Cap	12-22-2020
Keith Macaw	FFII	12-26-2020
Chris Starnes	LT	12-26-2020
Michael Highfield	FFIII	12-29-2020
Jamie Baker	Cap	12-31-2020

COMMAND STAFF



Bill Johnson
Fire Chief



Kevin Gross
Deputy Chief/Preparedness



Michael Schutz
Deputy Chief/Response



Carl Crumbley
Deputy Chief/Community Risk Reduction



Nicholas Dawe
Fire Marshal



Dr. Michael Cunningham
Chief of Staff



Thomas Hancock
Chief of Training



Nicholas Adams
EMS Division Chief



Scott White
District Chief



Christopher Sobieski
District Chief

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